

Claims

What is claimed is:

- 5 1. A real object projector, comprising:
 a base;
 an image receiving apparatus connected to the base; and
 a light source module placed on the base;
 wherein the light source module is movably connected to the base, and at
10 least one transparent film is placed on the light source module and the
 light source module provides a light source for the image receiving
 apparatus to receive an image of the transparent film.
2. The real object projector of claim 1, wherein the image receiving apparatus
15 comprises a arm and a lens module, a first terminal of the arm is connected
 to the base and a lens module is attached to a second terminal of the arm,
 and the arm rotates in a limited angle with a fulcrum connecting the arm
 and the base.
- 20 3. The real object projector of claim 1 wherein the light source module is
 connected to the base by an axle, and the light source module rotates in a
 limited angle by the axle, and a damper is provided for buffering when the
 light source module rotates.
- 25 4. The real object projector of claim 3 wherein the light source module is
 rotated by a method selected from a manual operation and an automatic

operation that is combined with a motor, a gear wheel, a rack and a belt.

5. The real object projector of claim 1 wherein the light source module is stored in the base and is taken out from the base for use.

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6. The real object projector of claim 5 wherein the light source module is stored and taken out by a method selected from a manual operation and an automatic operation that is combined with a motor, a gear wheel, a rack and a belt.

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7. The real object projector of claim 1 wherein the light source module further comprises a transparent board for holding the transparent film.

8. The real object projector of claim 1 wherein the light source module further comprises a transparent film clip for holding the transparent film, and the transparent film clip holds transparent films of different sizes.

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9. The real object projector of claim 8 wherein the transparent film clip further comprises at least one mark, and the mark of each transparent film clip is unique, and the mark is a locating mark and an identification mark for identifying the transparent film clip.

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10. The real object projector of claim 9 wherein the mark is at least one opening, and the opening of each transparent film clip has a different shape and quantity.

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11. The real object projector of claim 1 further comprising a computer connected to the real object projector for controlling operation of the real object projector.